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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/607,907	06/27/2003	David Carroll Snader	018360/262695	8093
826 7590 07/08/2010 ALSTON & BIRD LLP BANK OF AMERICA PLAZA 101 SOUTH TRYON STREET, SUITE 4000 CHARLOTTE, NC 28280-4000			EXAMINER ZHEN, L I B	
			ART UNIT 2194	PAPER NUMBER
			MAIL DATE 07/08/2010	DELIVERY MODE PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

# Office Action Summary

**Application No.**

10/607,907

**Applicant(s)**

SNADER ET AL.

**Examiner**

LI B. ZHEN

**Art Unit**

2194

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 12 April 2010.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1.4.9-18 and 121-131 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1.4.9-18 and 121-131 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB-06)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

1. 1, 4, 9-18, and 121-133 are pending in the application.

***Response to Arguments***

2. Applicant's arguments with respect to claims have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. **Claims 1, 4, 9-18, 121-127, and 130-133 are rejected under 35 U.S.C. 103(a) as being unpatentable over U.S. Patent Application Publication No. 2003/0069874 to Hertzog et al. [hereinafter Hertzog, previously cited] in view U.S. Patent Application Publication No. 2002/0152332 to Rensin et al. [hereinafter Rensin, previously cited] and further in view of 2002/0055909 to Fung et al. [hereinafter Fung].**
5. As to claim 1, Hertzog teaches an apparatus comprising one or more memory storage areas [paragraph 0214], connected to one or more processors [paragraph 0224], the one or more processors for:

mapping a plurality of fields of contact data [synchronization traders 52, 54 and 56 is responsible for performing a mapping operation between fields of the local database 30, and a database maintained, by the PIM 22; p. 5, paragraph 0059] from personal information manager (PIM) software [PIM 22; p. 5, paragraph 0059] to a plurality of corresponding fields [p. 7, paragraph 0087; "power find" panel 134 further provides a "global search" option that is use-selectable to provide a more powerful searching tool, utilizing which the user may search multiple fields using respective criteria for each of those information field; paragraph 0112] of the web page [GUI 24 of a client application 18; paragraph 0100] of a web application [application server 40; paragraphs 0054 and 0211] to produce a mapping [presented within the contact details panel 152 and retrieved based on personal information within the local database 30; p. 11, paragraph 0118; p. 7, paragraphs 0084 and 0087];

causing display of the web page of the web application [main window 130 includes a tool bar 132, a "power find" panel 134; paragraphs 0109, 0110 and 0134], wherein the display comprises a prompt requesting input of data into the plurality corresponding fields of the web page [p. 7, paragraph 0087; "power find" panel 134 further provides a "global search" option that is user-selectable to provide a more powerful searching tool, utilizing which the user may search multiple fields using respective criteria for each of those information field; paragraph 0112] of the web application [persistent window 182 also includes contact, web and stock tabs in order to allow a user to direct a search that utilizes text inputted into the field 184; paragraph 0134];

receiving input entering one or more alphanumeric characters into a field of a web page of the application [a "power find" panel 134 via which a user may conduct a search of contact information contained within the local database 30; p. 10, paragraphs 0110 and 0111];

causing display of more than one sets of contact data that match the entered alphanumeric characters [after entering the leading letter "c", all contacts having a last name beginning with "c" will be displayed within the browser panel 136; p. 10, paragraphs 0110 and 0111];

receiving input selecting one of the displayed sets of contact data to be mapped to the fields of the web page [user may conveniently view contact information for each respective category by performing a selection operation; p., 10, paragraph 0113]; and

transmitting the web page containing mapped data as output data to the web server executing the web application via a communication network [query formulated and issued at block 424 may be presented to a product vendor, such as a flower vendor. In this case, address details for a contact may be communicated to a web site operated by a flower vendor; paragraph 0206, 0111 and paragraphs 0199 – 0201]. Hertzog does not specifically disclose mapping data from one or more fields of the selected set of contact data to the one or more corresponding fields of the web page of the web application to automatically populate the web page by using the mapping data.

However, Rensin teaches mapping data from one or more fields of the selected set of contact data to the one or more corresponding fields of the web page [Each item listed on the menu has a link to software plug-in 27 to properly fill an on-line form in web

site 23 with data records from a local database in handheld Internet appliance 20; paragraph 0046] of the web application [API invokes the software plug-in that implements the functions required to fill an on-line form with data records from a local database in the handheld Internet appliance; paragraphs 0023, 0042, 0045, 0048, and 0063] to automatically populate the web page by using the mapping data [automatically fill on-line forms with data records saved in a local database of a handheld Internet appliance; paragraph 0027, 0044, 0053, 0055 and 0056].

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to modify the invention of Hertzog to incorporate the features of Rensin because this enables users to automatically fill on-line forms with data records saved in a local database of a handheld Internet appliance and enables the on-line forms to be filled with data records from a local database of a handheld Internet appliance prior to displaying the web site containing the on-line forms [paragraph 0027 of Rensin]. Hertzog and Rensin do not disclose generating a display prompting a user of the apparatus to map respective fields of the contact data from the PIM software to respective fields of a web page.

However, Fung teaches generating a display, in response to receipt of a web page from a web server, prompting a user of the apparatus to map respective fields [user uses this drop down menu to associate respective form fields from the Web page corresponding to the URL 106 with the central Web site's registration " template" fields (i.e., common field types are associated with personal information fields; paragraph 0050] of the contact data from the PIM software [FMS 118 takes the association data

114 and the data from the session object 116 (i.e., form tags/fields) and creates Structured Query Language (SQL) statements/form data 120 for each form object...These statements/form data 120 are sent to the database 122 and stored therein as form data 122b; paragraph 0051] to respective fields of a web page [sites with different field names for a common field type such as "login" are all associated with the same central Web site's registration " template" form field name (e.g., "username" ); paragraph 0051].

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to further modify the invention of Hertzog and Rensin to incorporate the features of Fung. One of ordinary skill in the art would have been motivated to make the combination because this saves the user the delay and inconvenience of repetitive typing and filling out of multiple forms for each preferred Web site [paragraph 0046 of Fung].

6. As to claim 121, this is a program product claim that corresponds to apparatus claim 1; see the rejection to claim 1 above, which also teaches the features of this program product claim.

7. As to claims 4 and 122, Hertzog teaches the mapping data maps the field of contact data to the corresponding field of the web application via a browser extension embedded in the web page of the application [p. 10, paragraph 0111 of Hertzog].

8. As to claims 9 and 123, Hertzog as modified teaches outputting the mapped contact data generated by automatically populating the contact data to the application to an output device [paragraphs 0062 and 0064 of Rensin].
9. As to claim 10, Hertzog teaches the output device generates a printed document based on the mapped contact data [paragraphs 0148 and 0155].
10. As to claim 11, Hertzog teaches wherein the communication network is the Internet [p. 11, paragraph 0118 of Hertzog].
11. As to claim 12, Hertzog teaches the contact data comprises a person's name [p. 6, paragraph 0071].
12. As to claim 13, Hertzog teaches the contact data comprises a company name [p. 6, paragraph 0071].
13. As to claim 14, Hertzog teaches the contact data comprises an address [p. 6, paragraph 0071].
14. As to claim 15, Hertzog teaches the contact data comprises a telephone number [p. 8, paragraph 0096].



15. As to claim 16, Hertzog the contact data comprises a mobile number [p. 8, paragraph 0096].

16. As to claim 17, Hertzog the contact data comprises a facsimile number [p. 11, paragraph 0125].

17. As to claim 18, Hertzog teaches the contact data comprises an email address [p. 6, paragraph 0071].

18. As to claim 124, Hertzog as modified teaches wherein mapping the plurality of fields of contact data is performed by the one or more processors in response to receipt of a prompt provided to a display [paragraph 0087 of Hertzog and paragraphs 0050 – 0051 of Fung].

19. As to claim 125, Hertzog as modified teaches wherein executable portion configured to map the plurality of fields of contact data occurs in response to receipt of a prompt provided to a display [paragraph 0087 of Hertzog and paragraphs 0050 – 0051 of Fung].

20. As to claims 126 and 127, Hertzog as modified teaches wherein the one or more processors are further configured for associating the fields mapped by the user to produce the mapping data [paragraphs 0050 – 0051 of Fung].

21. As to claims 130 and 131, Hertzog as modified teaches wherein the one or more processors are configured for generating a PIM template that comprises the plurality of fields of contact data [paragraphs 0050 – 0051 of Fung].

22. As to claim 132 and 133, Hertzog as modified teaches automatically generating the display in response to receipt of the web page [paragraphs 0050 – 0051 of Fung].

**23. Claims 128 and 129 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hertzog, Rensin, Fung and further in view of U.S. Patent Application Publication No. 20030033260 to Yashiro et al. [hereinafter Yashiro, previously cited].**

24. As to claims 128 and 129, Hertzog teaches a web application that enables the user to specify and conclude a transaction for the purchase of a product to be shipped to the address of a relevant contact [paragraph 0206]. Hertzog does not teach the web application is configured to generate at least one shipping label that is transmitted to the apparatus via the network; the shipping label comprises an address indicated by the mapping data; and the shipping label is used for transport of at least one parcel.

However, Yashiro teaches automatically populating fields of a form based information retrieved from a database [paragraphs 0070 and 0078], a web application is configured to generate at least one shipping label that is transmitted to the apparatus

via the network [Web server generates shipping label data; paragraph 0168]; the shipping label comprises an address indicated by the mapping data [paragraph 0168]; and the shipping label is used for transport of at least one parcel [shipping label data also include data necessary to print an actualization code on the label, indicating that the shipping of the package; paragraph 0168].

It would have been obvious to a person of ordinary skill in the art at the time the invention was made to further modify the invention of Hertzog, Rensin and Fung to incorporate the features of Yashiro. One of ordinary skill in the art would have been motivated to make the combination because this allows shipping label data to be transmitted from the web server to the client computer and allows the printer to print the shipping label [paragraph 0170 of Yashiro].

### ***Conclusion***

25. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

/Li B. Zhen/

Primary Examiner, Art Unit 2194